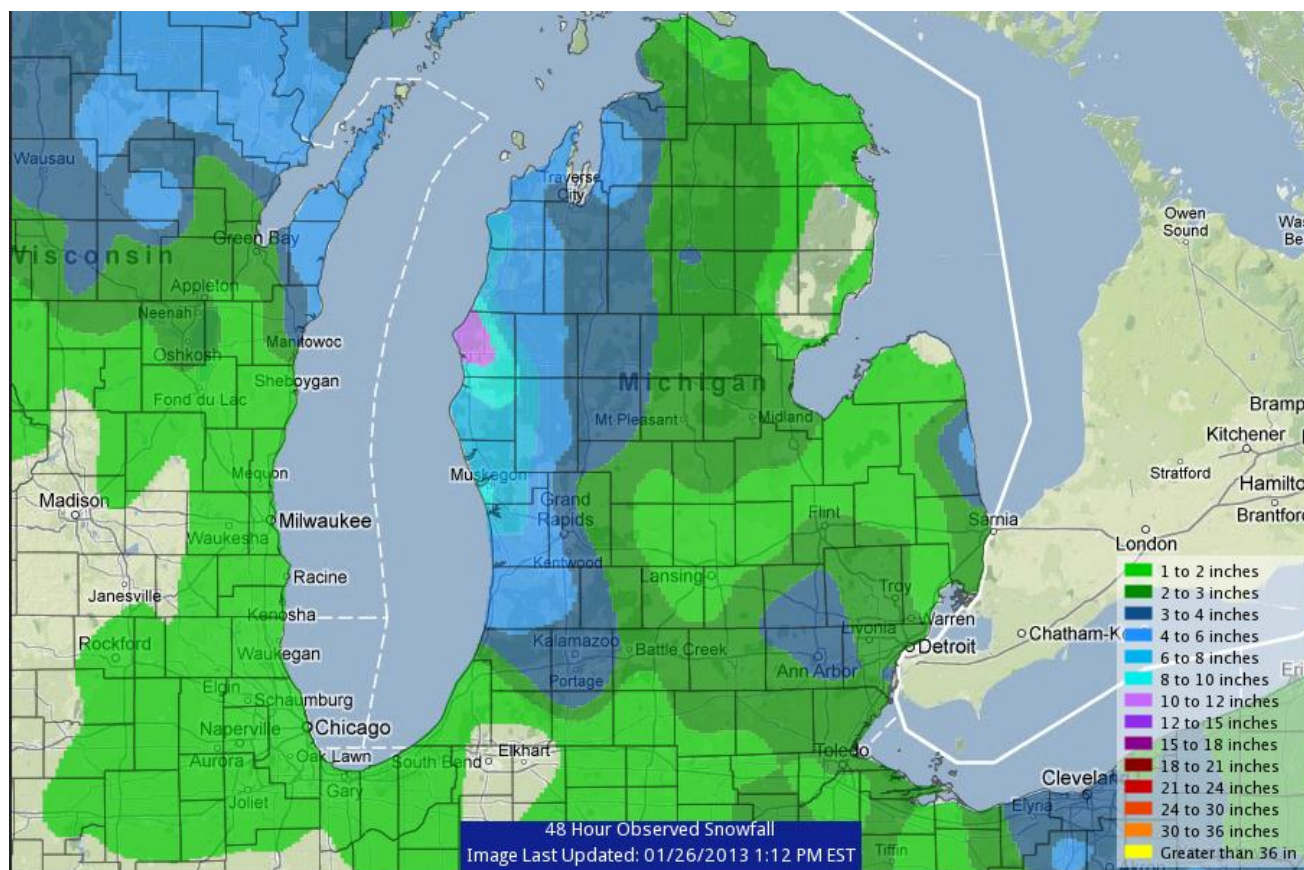


## Precipitation Summary 01/25-26/13

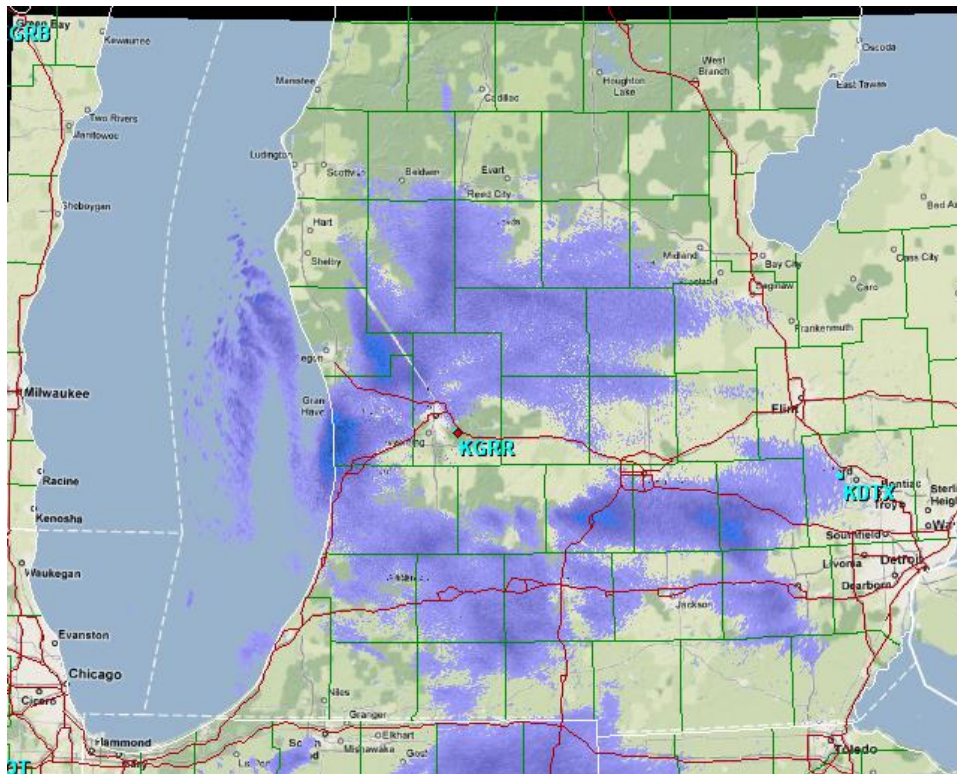
### National Weather Service Grand Rapids, MI

**Lake Effect Snow, from early Friday January 25<sup>th</sup> through mid-morning Saturday the 26<sup>th</sup>, brought significant snowfall to areas between US-131 and the Lake Michigan shore north of South Haven.**

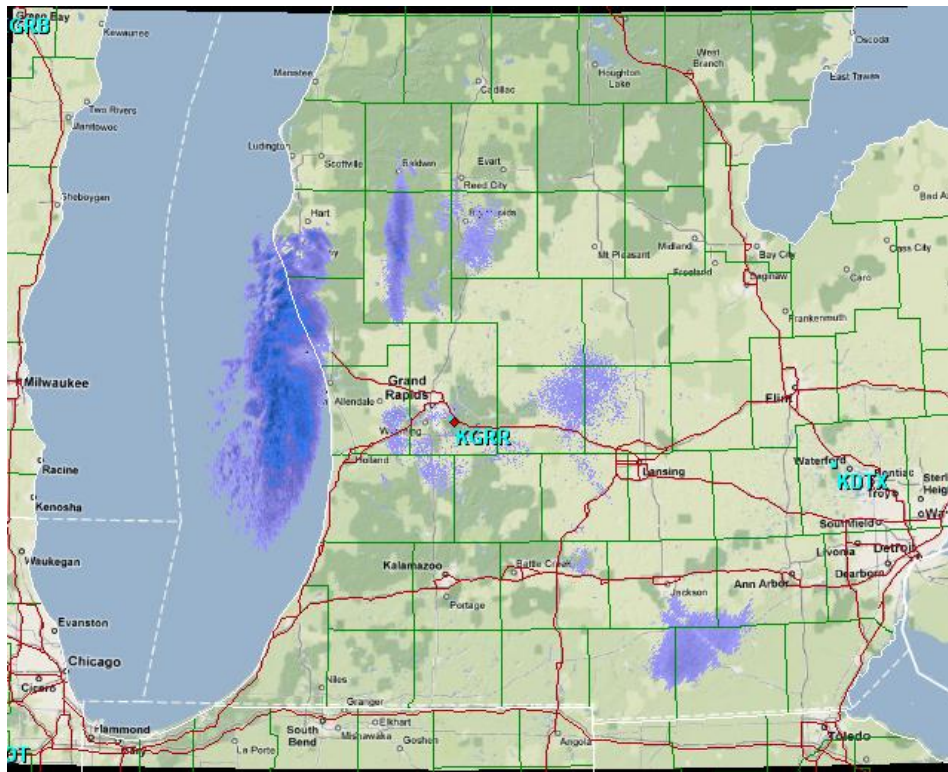


**Figure 1. Storm total snowfall for the Friday morning into Saturday morning event.**

A nearly stationary south to north snow band set up from late Friday morning into Friday evening west of US-131 north of South Haven and remained there into the early evening. That resulted in 5 to 12 inches of snow in the lake shore counties north of South Haven. Muskegon had a daily record snowfall of 9.4 inches on the 25<sup>th</sup>, besting the 9.0 inches from 1924. During the evening, the wind shifted from the south to the west and that pushed the snow inland across the remainder of the area. Mostly light snow fell during the evening across the remainder of Southwest Michigan.

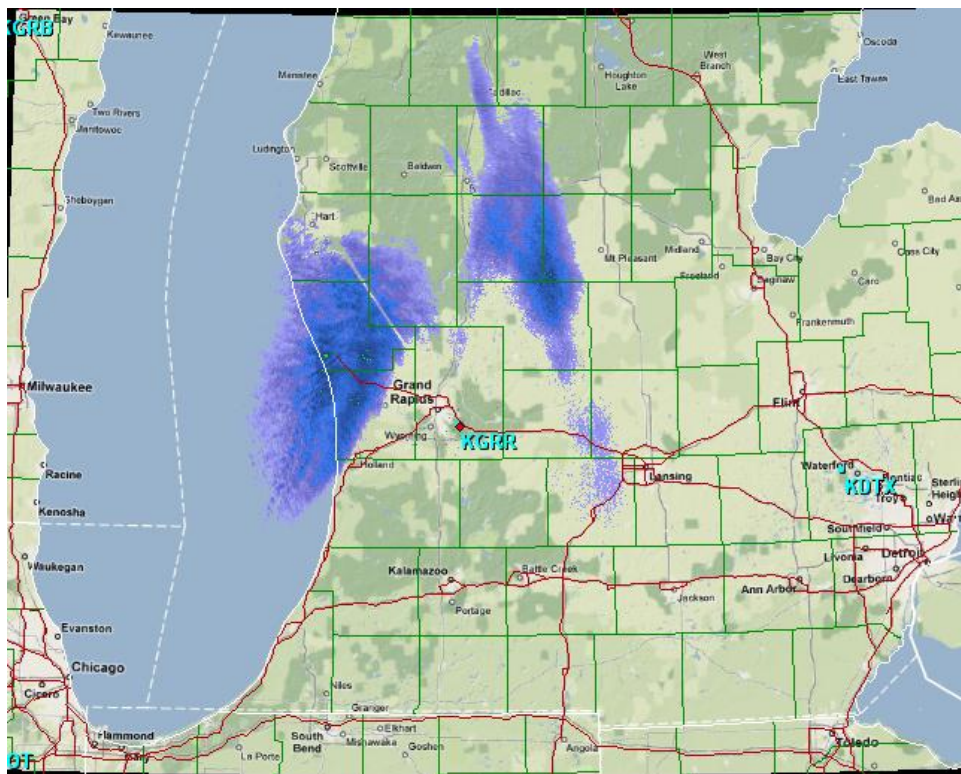


**Figure 2. The Grand Rapids radar image at 9 AM Friday morning. Note the light snow falling across most of the area.**

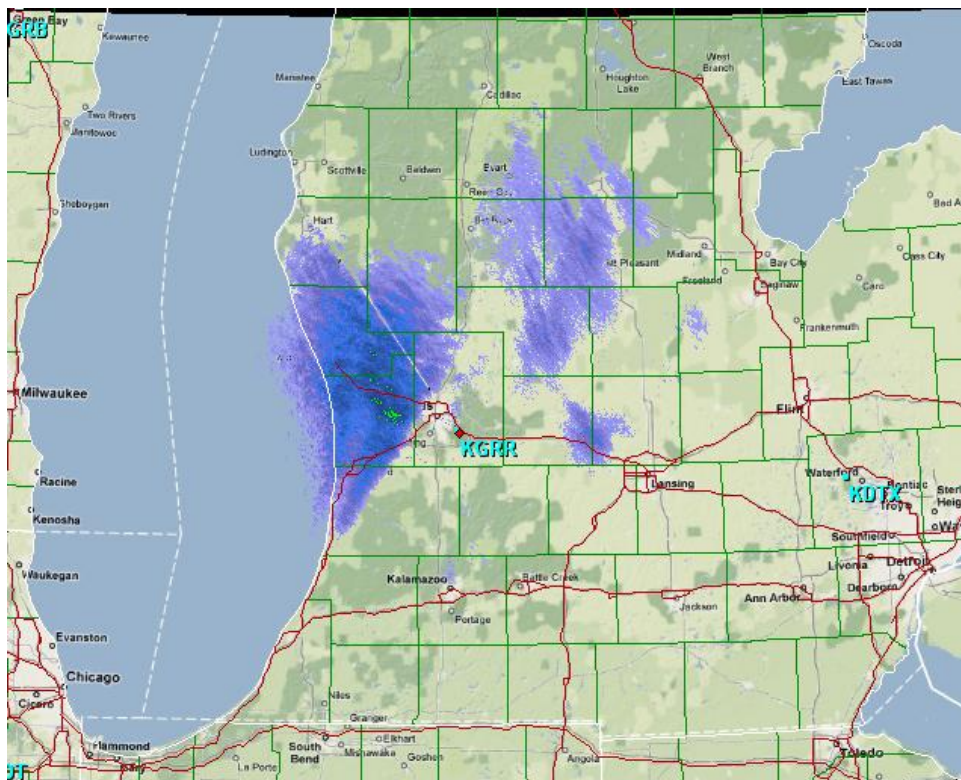


**Figure 3. The Grand Rapids radar from 11 AM Friday morning. The area of light snow has now moved out and a band of heavy lake effect snow has developed west of US-31 coming on shore near Muskegon.**

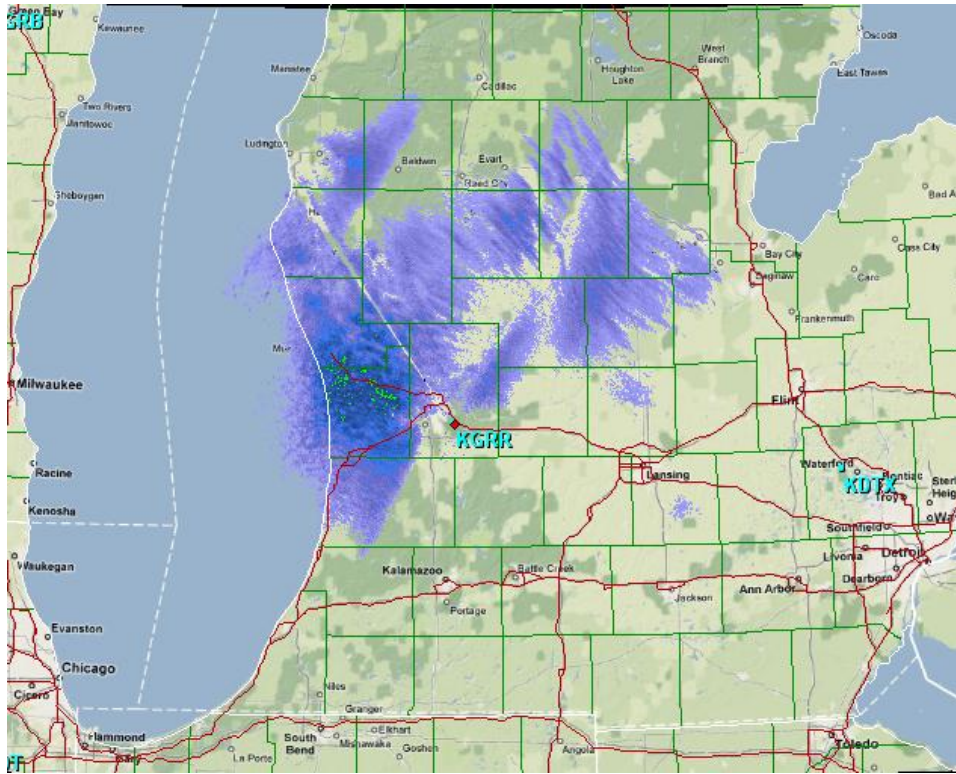




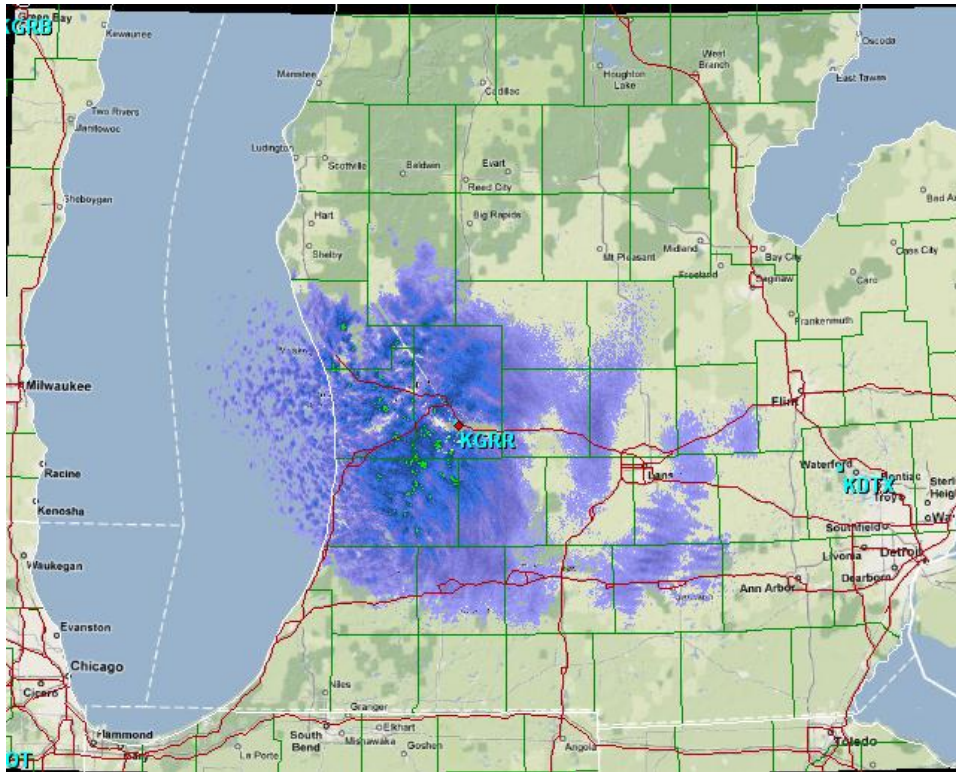
**Figure 4. The Grand Rapids radar from 1 PM Friday afternoon. The heavy lake effect snow band has slowly spread east across Muskegon and Ottawa Counties. The snow band actually continued north of Ludington but the radar beam was going over the tops of the snow echoes.**



**Figure 5. The Grand Rapids radar from 3 PM Friday afternoon. The heavy lake effect snow band continued over the Lake Shore counties north of South Haven but has now spread into western Newaygo and Kent Counties. The snow band actually continued north of Ludington but the beam was going over the tops of the snow echoes.**



**Figure 6. The Grand Rapids radar from 5 PM Friday afternoon. The heavy lake effect snow band continued over the Lake Shore counties north of South Haven but has now spread across Newaygo and central Kent Counties. The snow band actually continued north of Ludington.**



**Figure 7. The Grand Rapids radar from 7 PM Friday afternoon. The heavy lake effect snow band continued over the Lake Shore counties north of South Haven but has now spread across Kent and Barry Counties. The snow band actually continued north of Ludington.**

**Below are the snowfall reports we have from the various counties from this event:**

PUBLIC INFORMATION STATEMENT  
SPOTTER REPORTS  
NATIONAL WEATHER SERVICE GRAND RAPIDS MI  
636 PM EST SAT JAN 26 2013

MIZ037>040-043>046-050>052-056>059-064>067-071>074-

STORM TOTAL SNOWFALL REPORTS 01/25-01/26

LOCATION	OBSERVED VALUE	TIME/DATE OF OBSERVATION	LAT	LON
MICHIGAN				
...ALLEGAN COUNTY...				
2 W WAYLAND	4.5 M	700 AM 01/26	42.67N	85.68W
...BARRY COUNTY...				



HASTINGS	2.3 M	700 AM 01/26	42.65N	85.29W
...CLINTON COUNTY...				
4 NW LANSING	1.2 M	700 AM 01/26	42.78N	84.59W
...EATON COUNTY...				
4 WSW LANSING	1.2 M	700 AM 01/26	42.72N	84.63W
...GRATIOT COUNTY...				
NE BRECKENRIDGE	1.7 M	700 AM 01/26	43.41N	84.47W
...IONIA COUNTY...				
2 SSW IONIA	1.0 M	800 AM 01/26	42.96N	85.08W
...JACKSON COUNTY...				
5 S CONCORD	2.5 M	809 AM 01/26	42.11N	84.63W
2 ENE BROOKLYN	2.6 M	700 AM 01/26	42.12N	84.21W
...KALAMAZOO COUNTY...				
4 SSE OSHTMO	3.5 M	805 AM 01/26	42.21N	85.66W
...KENT COUNTY...				
1 ESE ADA	1.6 M	700 AM 01/26	42.95N	85.48W
GERALD R FORD ARPT	2.3 M	700 AM 01/26	42.89N	85.53W
5 WSW ROCKFORD	2.5 M	700 AM 01/26	43.09N	85.64W
EAST GRAND RAPIDS	3.3 M	700 AM 01/26	42.94N	85.61W
GRANDVILLE	5.0 M	700 AM 01/26	42.91N	85.76W
...MASON COUNTY...				
2 SE SCOTTVILLE	10.1 M	700 AM 01/26	43.93N	86.25W
...MECOSTA COUNTY...				
BIG RAPIDS	2.3 M	700 AM 01/26	43.70N	85.48W
...MUSKEGON COUNTY...				
4 S MUSKEGON	9.7 M	700 AM 01/26	43.17N	86.24W
...NEWAYGO COUNTY...				
4 WSW FREMONT	5.0 M	700 AM 01/26	43.44N	86.02W
...OCEANA COUNTY...				
3 WSW HART	6.8 M	700 AM 01/26	43.68N	86.42W
...OTTAWA COUNTY...				
HOLLAND	2.5 M	630 AM 01/26	42.78N	86.11W
2 WSW WALKER	5.6 M	810 AM 01/26	42.99N	85.81W
WSW ALLENDALE	7.4 M	730 AM 01/26	42.97N	85.96W
...VAN BUREN COUNTY...				
4 NNE PAW PAW	2.5 M	700 AM 01/26	42.27N	85.86W

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